INTERNET

Data sheet: WL-530

INTERNET
Complete kit to create and share a wireless broadband internet connection
Wireless Network
ADSL Kit - 54g
ADSL Modem / Router + USB Dongle
54 Mbps wireless transfer speed

Product code	WL-530
Product Name	Wireless Network ADSL Kit 54g
EAN code	8716502012145
Qty. masterpack/carton	5/20
Product weight	380 gr. (router), 16 gr. (USB Dongle)
Product dimensions	107 (W) x 130 (D) x 30 mm (H) (router) 93(W) x 27 (D) x 13 mm (H) (USB Dongle)
Giftbox weight	1.5 kg.
Giftbox dimensions	249 (W) x 101 (D) x 170 mm (H)

ADSL 2+ compatible speed up to 14Mbps

This Wireless Network ADSL Kit contains everything you need to be able to make a wireless connection to the Internet quickly and easily or to be able to make use of your own network. Thanks to the built-in ADSL modem, you can connect the wireless ADSL router which is delivered with the kit to your ADSL line. In addition to this, all connected PC's (whether they are wireless or not) have access to the Internet through the built-in router function at full speed via one single subscription. The Wireless Network USB Adapter can be con-nected to your PC/Notebook using a free USB 2.0 port, allowing you to make a wireless connection be tween your PC/Notebook and the wireless ADSL router. Once you have done this, you can simply access your network and Internet connection.

Package content:

- Wireless Network ADSL Router - 54g
- Wireless Network USB Adapter 54g
- Driver CD Rom
- ADSL / telephone cable
- Power Adapter
- User manual
- Network UTP Cable (1.5 metres)

System requirements:

- PC or Notebook with USB 2.0
- CD-rom drive
- Analogue ADSL subscription
- Windows ME/2000/XP/Mac OS X

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Specifications router (WL-530/WL-118):

ADSL Compliance
- Compliant with ADSL Standards
  - Full-rate ANSI T1.413 Issue 2
  - G.dmt (ITU G.992.1)
  - G.lite (ITU G.992.2)
  - G.hs (ITU G.994.1)
  - ADSL over ISDN/U-R2
- Capable of ADSL2 Standard
  - G.dmt.bis (ITU G.992.3)
- Capable of ADSL2+ Standard
  - G.dmt.bisplus (ITU G.992.5)

Network Protocols and Features
- NAT, static routing and RIP-1/2
- NAT supports PAT and multimedia applications
- IP Alias
- IP Policy Routing
- Multi-to-multi NAT
- Transparent Bridging
- Dynamic Domain Name System (DDNS)
- SNTP
- DNS relay and IGMP proxy

Firewall & Virtual Private Network (VPN)
- Built-in NAT Firewall
- Packet filtering
- Password protection for system management
- VPN pass through

Wireless 802.11g
- Compliant with IEEE 802.11g and 802.11bstandards
- 2.4 GHz - 2.484G Hz frequency range
- Up to 54 Mbps wireless operation rate
- 64/128 bits WEP supported for encryption

ATM and PPP Protocols
- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)

Management
- Web-based configuration
- Firmware upgraded and configuration data upload and download via TFTP/FTP
- Firmware upgradeable to ADSL2/ADSL2+ standards
- Embedded Telnet server for remote and local management
- SNMPv2 MIB support
- Support DHCP server/client/relay

Hardware Specification
Physical Interface
- WLAN: fixed antenna
- LINE: ADSL port
- LAN: 4port 10/100M auto-crossover (MDI/MDI-X) switch
- Factory default reset button
- Power jack
- Power Switch

Physical Specification
- Dimensions: 7.09" x 4.72" x 1.57" (180mm x 120mm x 40mm)

Power Requirement
- Input: 12V DC, 1A

Operating Environment
- Operating temperature: 0 ~ 40oC
- Storage temperature: -20 ~ 70oC
- Humidity: 20 ~ 95% non-condensing

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Specifications USB Adapter (WL-530/WL-113):

Key features

- Complies with the IEEE 802.11b and IEEE 802.11g 2.4GHz (DSSS) standards.
- High data transfer rate - up to 54Mbps.
- Support 64/128/256-bit WEP, WPA(TKIP, IEEE 802.1x) and AES (TKIP) functions for high level of security.
- Supports Software AP function, which turns the wireless station into a wireless AP.
- Complies with IEEE 802.11d country roaming standard.
- Supports the most popular operating system: Windows 98SE/Me/2000/XP.
- Supports USB 2.0/1.1/1.0 interface.

Technical specifications

- 802.11g Wireless LAN Mini USB Adapter
- Standards : IEEE 802.11g/b
- Bus Type : USB 2.0 Type A
- Frequency Band: 2.4000~2.4835GHz (Industrial Scientific Medical Band)
- Modulation: OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
- Data Rate: 54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
- Securities: 64/128/256-bit WEP Encryption, WPA(TKIP, IEEE 802.1x) and AES
- Internal Antenna
- Drivers: Windows Me/2000/XP/Mac OS X
- LEDs -Link/Activity
  -Transmit Power
  -15dBm (Typical)
- Power Consumption: TX: 340mA, RX: 180mA, Standby: 70mA
- Receive Sensitivity: -72dBm@54Mbps, -85dBm@11Mbps, -93dBm@1Mbps
- Temperature : 32~122°F (0 ~50°C)
- Humidity : 10-95% (NonCondensing)
- Certification: FCC , CE